



TECHNICAL SERVICE BULLETIN

6.7L - Illuminated Powertrain Malfunction Indicator (Wrench) Lamp With DTC P07F6 - Built On Or Before 10-Feb-2021

21-2056
03 March
2021

Model:

Ford 2020-2021 Super Duty	Engine: 6.7L
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Issue: Some 2020-2021 F-Super Duty vehicles equipped with a 6.7L engine and built on or before 10-Feb-2021 may exhibit an illuminated powertrain malfunction indicator (wrench) lamp with only diagnostic trouble code (DTC) P07F6 stored in the transmission control module (TCM). The vehicle may also exhibit harsh engagements, poor shift quality and/or loss of 9th gear as a result of the DTC being set. This may be due to the software in the TCM. To correct the condition, follow the Service Procedure to reprogram the TCM and powertrain control module (PCM).

Action: Follow the Service Procedure to correct the condition on vehicles that meet all of the following criteria:

- 2020-2021 F-Super Duty
- Built on or before 10-Feb-2021
- 6.7L diesel engine
- Illuminated powertrain malfunction indicator (wrench) lamp with only DTC P07F6 stored in the TCM
- May exhibit harsh engagements, poor shift quality and/or loss of 9th gear

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2020-2021 F-Super Duty 6.7L: Retrieve DTCs And Reprogram The TCM And PCM (Do Not Use With Any Other Labor Operations)	212056A	0.6 Hrs.

Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

Service Procedure

1. Reprogram the TCM and PCM using the latest software level of the appropriate Ford diagnostic scan tool.

NOTE: Advise the customer that this vehicle is equipped with an adaptive transmission shift strategy which allows the vehicle's computer to learn the transmission's unique parameters and improve shift quality. When the adaptive strategy is reset, the computer will begin a relearning

process. This relearning process may result in firmer than normal upshifts and downshifts for several days.

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NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.